LINK 3018

NEXT MILLENIUM OF SURFACE FINISHES

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LINK3018
NEXT MILLENIUM OF SURFACE FINISHES

THE FUTURE OF SURFACES IS TODAY!

LINK3018 is an extremely innovative line of mono resin coatings and two-component, water-based and ready to use. Easy to use and environmentally friendly, it can be applied to both floors and walls in an almost infinite variety of colors and effects.
Thanks to the high technical and resistance standards that characterize it, LINK3018 is destined to leave an indelible mark in the time to come.

PRODUCT LINE

LINK3018
NEXT MILLENIUM OF SURFACE FINISHES

EPOXY

primer
DEKOPRIM

bases
DEKORITE GG-GM-GF

catalyst
DEKOHARD

ACRYLICS

primer
AKRYFUND

bases
AKRYLINE GG-GM-GF

COMMON TO BOTH LINES

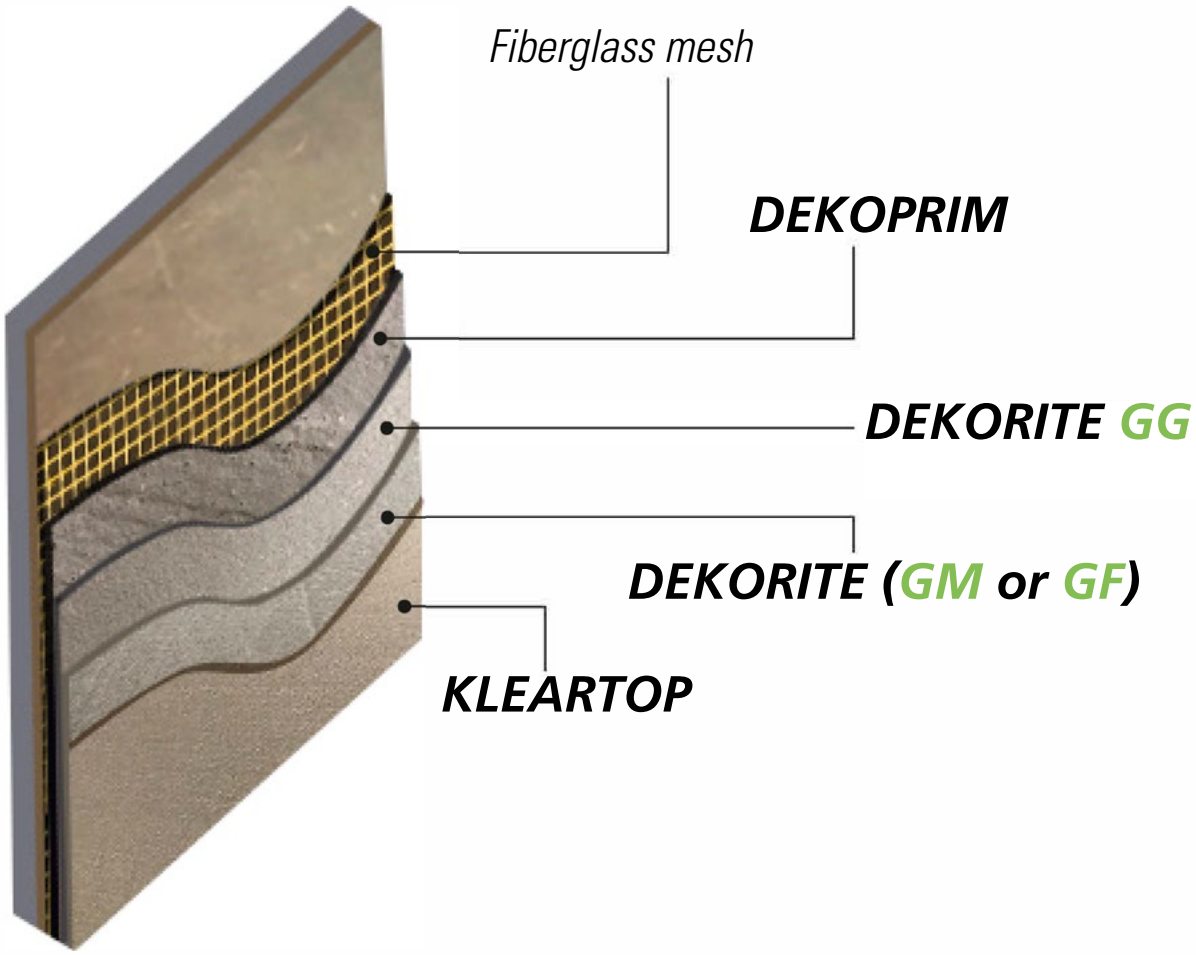
topcoats
KLEARTOP 5-30-50-100

catalyst for Kleartop
CATALFIN

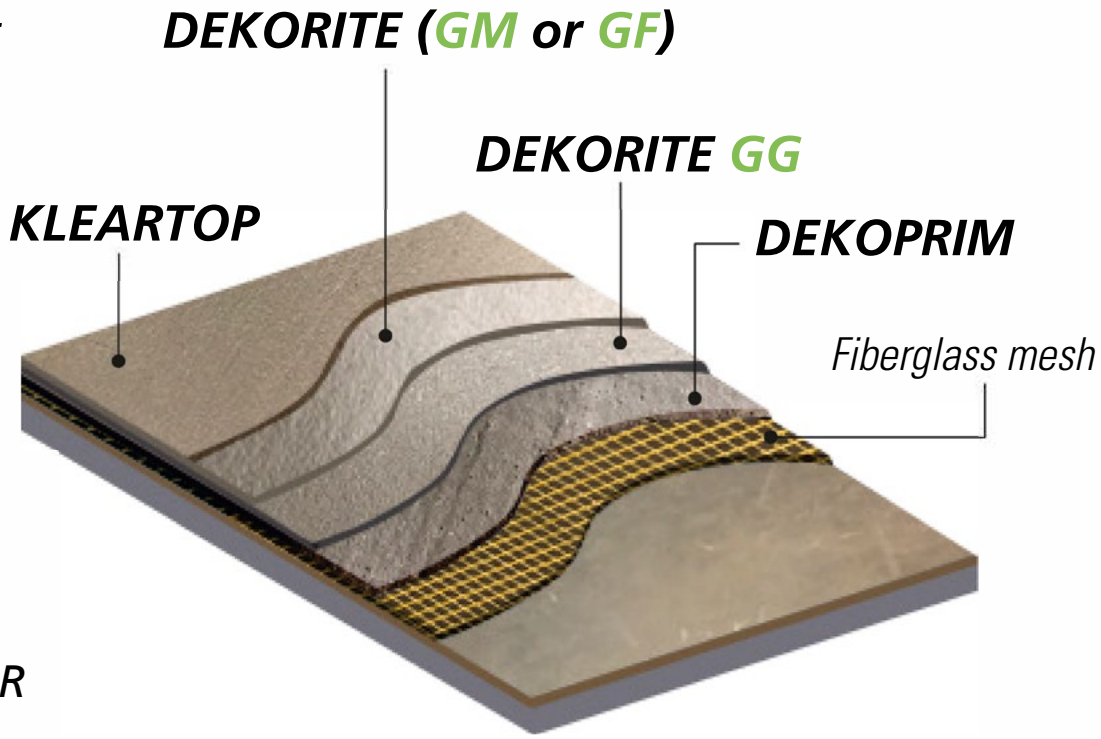
topcoats
KOVERWALL 10-80
only for wall

CYCLE ON CYCLE ON CEMENT SUBSTRATE

DEKORITE GG or GM or GF



WALL



FLOOR

DEKORITE

DAY 1

- Lay the first roll of fiberglass mesh over the clean, dry surface. Proceed by laying the following rolls adjacent to the previous ones, without overlapping and avoiding folds or creases in the mesh.
- Thoroughly mix the **DEKOHARD** and add all the required contents to the **DEKOPRIM** product can.
- Use a mechanical mixer at low speed to stir well until the two components are completely blended together.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: DEKOPRIM 100 + DEKOHARD 10
- Apply a coat of **DEKOPRIM** by roller or by brush, distributing the product evenly and homogeneously on the surface, and allow to dry for 1-2 hours.
- Thoroughly mix the **DEKOHARD** and add all the entire contents to the **DEKORITE GG** (coarse grain) product can.
- Use a mechanical mixer at low speed to stir well until the two components are completely blended together. Apply the prepared product evenly, troweling off all excess product to a level surface.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: DEKORITE 100 + DEKOHARD 10.

DAY 2

- Sand the surface with 40-50 grit sandpaper and then vacuum clean the dust.
- Check the evenness of the surface and apply a coat of **DEKORITE GM** (medium grain) with the use of a steel trowel taking care to level off all excess product.
- Allow to dry for 12 hours.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: DEKORITE 100 + DEKOHARD 10

DAY 3

NB: this day is necessary only if you also want to use **DEKORITE GF** (fine grain), otherwise, go directly to the application of the KLEARTOP finish.

- When completely dry, sand the surface with 60-80 grit sandpaper and vacuum clean away the dust.
- Check the evenness of the surface and apply a coat of **DEKORITE GF** (fine grain) with the use of a steel trowel taking care to level off all excess product.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: DEKORITE 100 + DEKOHARD 10.

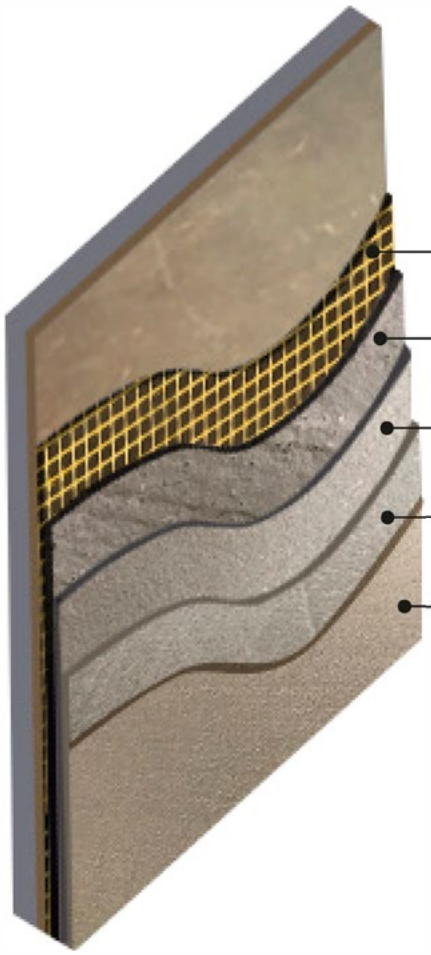
DAY 4

- When completely dry, sand down the surface with 100-150 grit sandpaper and vacuum away the dust.
- Add all the required quantity of **CATALFIN** to the **KLEARTOP** product while stirring with a mechanical mixer. Continue mixing until the two components are perfectly emulsified. Manual mixing alone may not be sufficient to achieve perfect blending of the two components.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: KLEARTOP 100 + CATALFIN 20
- Apply the first coat of **KLEARTOP** with a short pile roller, by brush or by airless spraying equipment and allow to dry for 4 to 6 hours.
- Apply the second coat of **KLEARTOP** by short pile roller, brush or airless spraying and allow to dry for another 4 to 6 hours.
- For the **KLEARTOP 100** high gloss version, a third coat can be applied to increase the surface gloss.

IMPORTANT: in case more than 24 hours pass between coats, it will be necessary to sand the surface with 320 grit sandpaper.

CYCLE ON CYCLE ON CEMENT SUBSTRATE

AKRYLINE GG or GM or GF



Fiberglass mesh

AKRYFUND

AKRYLINE GG

AKRYLINE (GM or GF)

KLEARTOP or KOVERWALL
for walls only

WALL

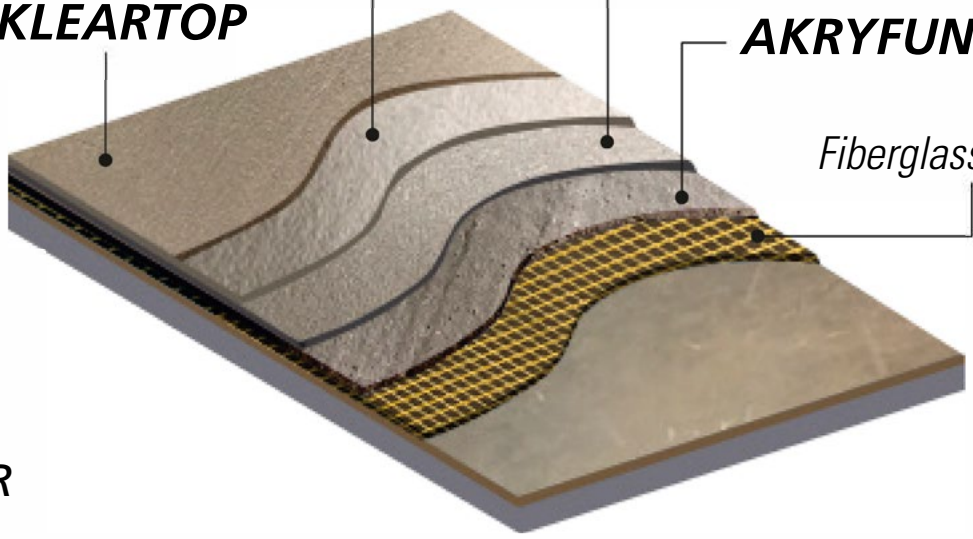
AKRYLINE (GM or GF)

AKRYLINE GG

KLEARTOP

AKRYFUND

Fiberglass mesh



FLOOR

AKRYLINE

DAY 1

- Lay the first roll of fiberglass mesh over the perfectly clean, dry surface. Proceed by laying the following rolls adjacent to the previous ones, without overlapping and avoiding folds or creases in the mesh.
- Apply a coat of **AKRYFUND** by roller or by brush, distributing the product evenly and homogeneously on the surface. Allow to dry for 3 to 4 hours.
- Once completely dry, apply a coat of **AKRYLINE GG** (coarse grain) with either a metal or a plastic trowel, taking care to smooth-off all excess product.

DAY 2

- Sand the surface with 40-50 grit sandpaper and then vacuum clean the dust.
- Check the evenness of the surface and apply a coat of **AKRYLINE GM** (medium grain) with the use of a metal trowel taking care to smooth-off all excess product.
- Allow to dry for 4-6 hours.

NB: proceed with the following activities only if you also want to use **AKRYLINE GF** (fine grain), otherwise, go directly to the application of the **KLEARTOP** finish.

- When completely dry, sand down the surface with 60-80 grit sandpaper and vacuum clean away the dust. Check the evenness of the surface and apply a coat of **AKRYLINE GF** (fine grain) with the use of a metal trowel taking care to level off all excess product.

DAY 3

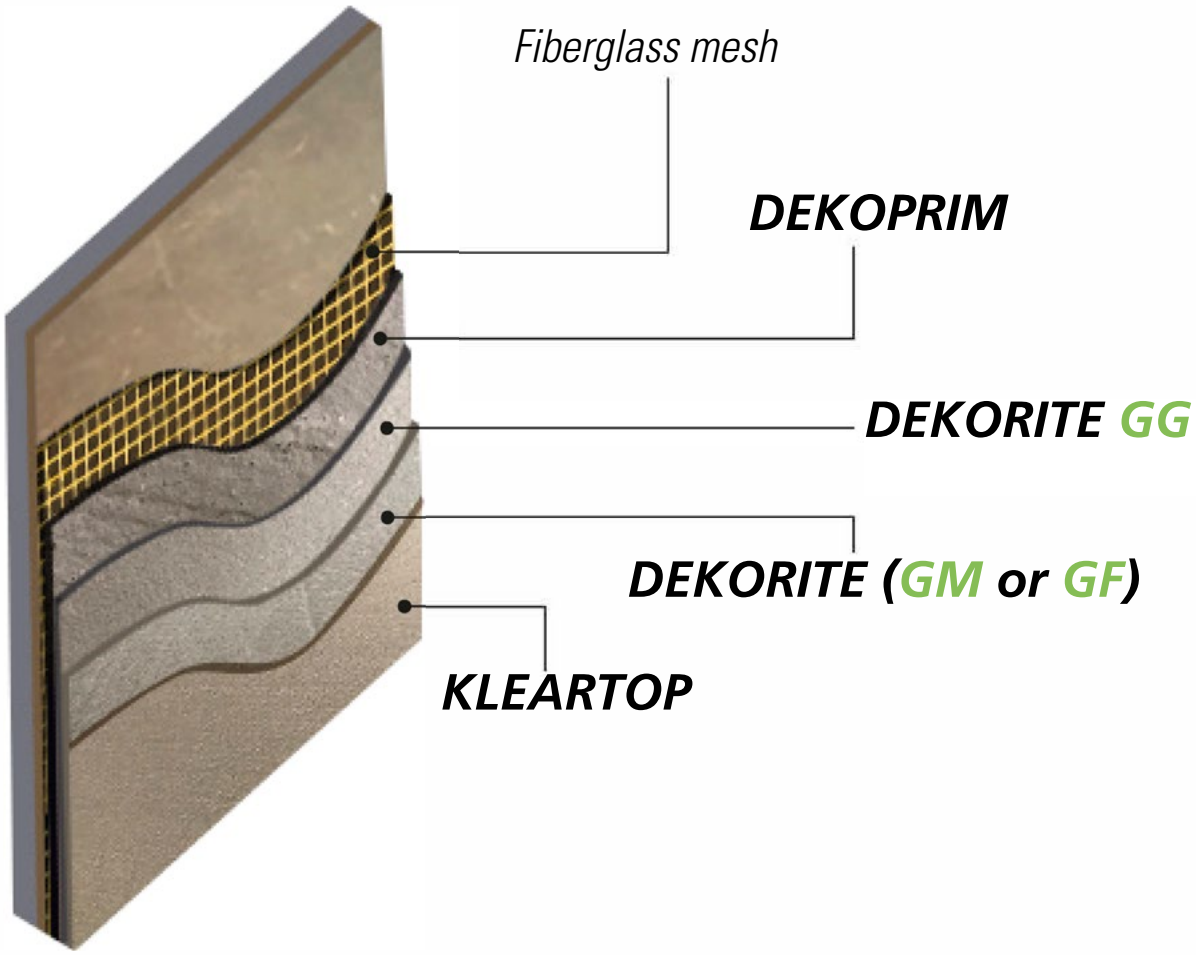
- Sand down the surface with 100-150 grit sandpaper and vacuum clean away the dust.
- Add all the required quantity of **CATALFIN** to the **KLEARTOP** product while stirring with a mechanical mixer. Continue mixing until the two components are perfectly emulsified. Manual mixing alone may not be sufficient to achieve perfect blending of the two components.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: KLEARTOP 100 + CATALFIN 20.
- Apply the first coat of KLEARTOP with a short pile roller, by brush or by airless spraying equipment and allow to dry for 4-6 hours.
- Apply the second coat of **KLEARTOP** by short pile roller, brush or airless spraying and allow to dry.
- For the **KLEARTOP 100** high gloss version, a third coat can be applied to increase the gloss of the surface.

IMPORTANT: in case more than 24 hours pass between coats, it will be necessary to sand the surface with 320 grit sandpaper.

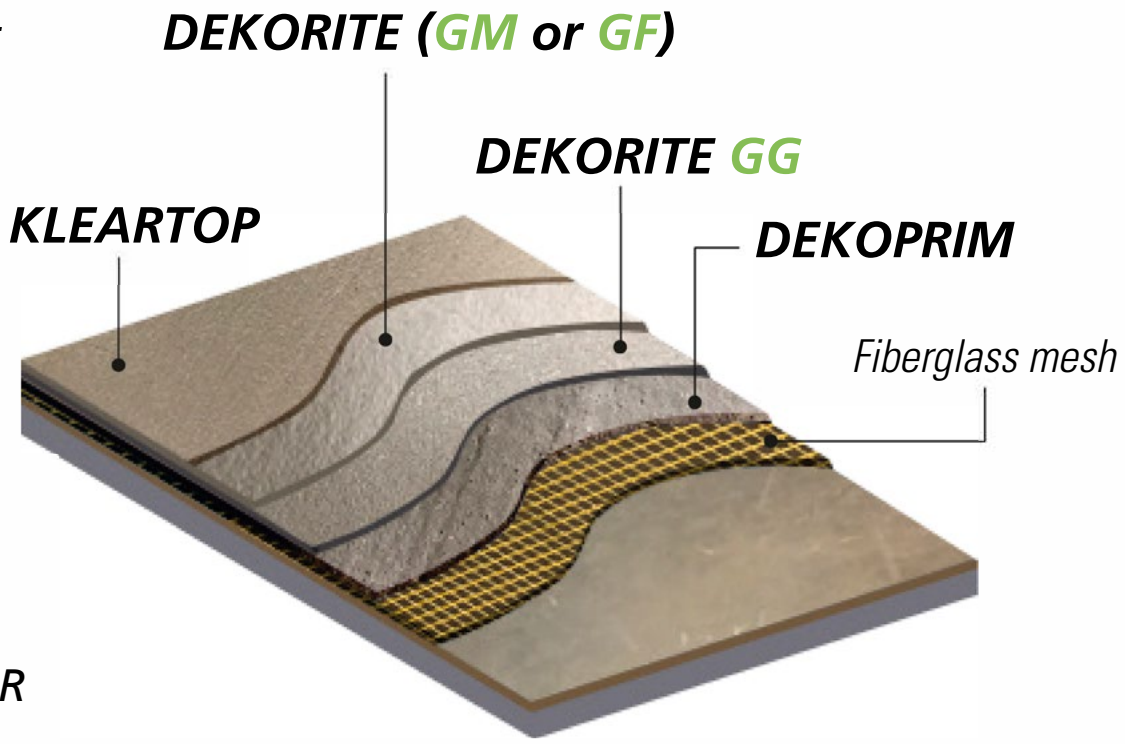
NB: for wall applications, **KOVERWALL** can be used as an alternative to **KLEARTOP.** Being a singlecomponent product, it must not be catalyzed. The application steps to follow are the same as for **KLEARTOP.**

CYCLE ON TILES

DEKORITE GG or GM or GF



WALL



FLOOR

DEKORITE

DAY 1

- Lay the first roll of fiberglass mesh over the clean, dry surface. Proceed by laying the following rolls adjacent to the previous ones, without overlapping and avoiding folds or creases in the mesh.
- Thoroughly mix the **DEKOHARD** and add all the required contents to the **DEKOPRIM** product can.
- Use a mechanical mixer at low speed to stir well until the two components are completely blended together.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: DEKOPRIM 100 + DEKOHARD 10
- Apply a coat of **DEKOPRIM** by roller or by brush, distributing the product evenly and homogeneously on the surface, and allow to dry for 1-2 hours.
- Thoroughly mix the **DEKOHARD** and add all the entire contents to the **DEKORITE GG** (coarse grain) product can.
- Use a mechanical mixer at low speed to stir well until the two components are completely blended together. Apply the prepared product evenly, troweling off all excess product to a level surface.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: DEKORITE 100 + DEKOHARD 10.

DAY 2

- Sand the surface with 40-50 grit sandpaper and then vacuum clean the dust.
- Check the evenness of the surface and apply a coat of **DEKORITE GM** (medium grain) with the use of a steel trowel taking care to level off all excess product.
- Allow to dry for 12 hours.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: DEKORITE 100 + DEKOHARD 10

DAY 3

NB: this day is necessary only if you also want to use **DEKORITE GF** (fine grain), otherwise, go directly to the application of the **KLEARTOP** finish.

- When completely dry, sand the surface with 60-80 grit sandpaper and vacuum clean away the dust.
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  Catalysis ratio: DEKORITE 100 + DEKOHARD 10.

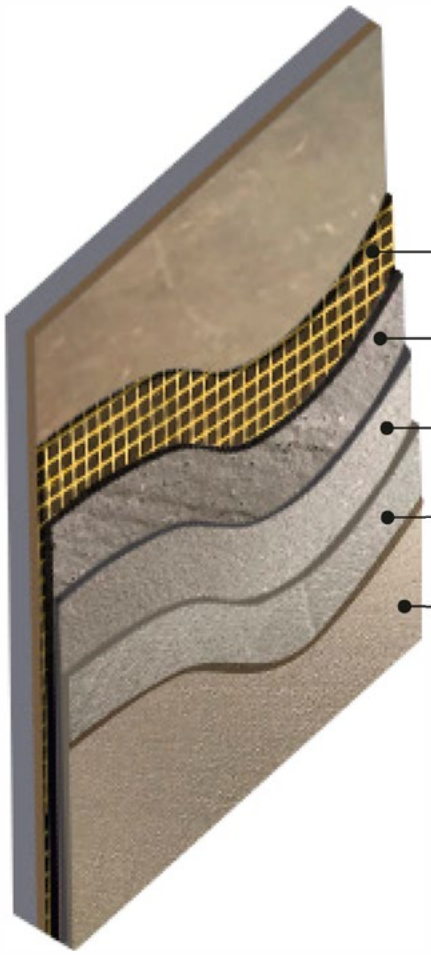
DAY 4

- When completely dry, sand down the surface with 100-150 grit sandpaper and vacuum away the dust.
- Add all the required quantity of **CATALFIN** to the **KLEARTOP** product while stirring with a mechanical mixer. Continue mixing until the two components are perfectly emulsified. Manual mixing alone may not be sufficient to achieve perfect blending of the two components.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: KLEARTOP 100 + CATALFIN 20
- Apply the first coat of **KLEARTOP** with a short pile roller, by brush or by airless spraying equipment and allow to dry for 4 to 6 hours.
- Apply the second coat of **KLEARTOP** by short pile roller, brush or airless spraying and allow to dry for another 4 to 6 hours.
- For the **KLEARTOP 100** high gloss version, a third coat can be applied to increase the surface gloss.

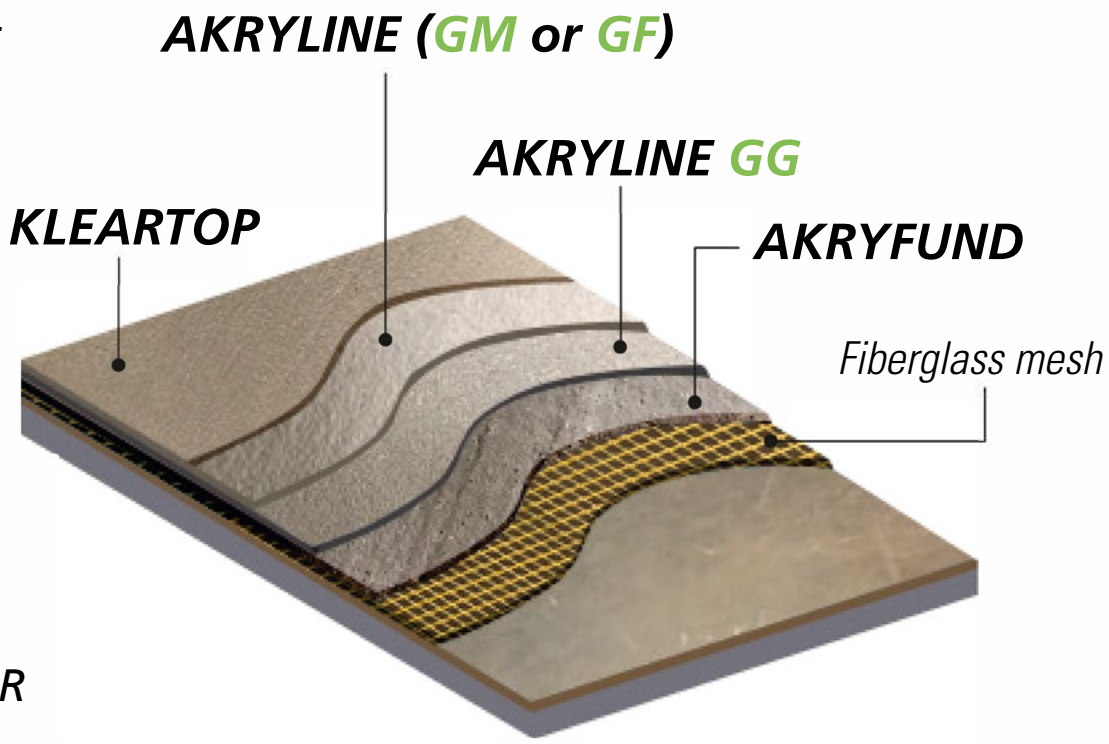
IMPORTANT: in case more than 24 hours pass between coats, it will be necessary to sand the surface with 320 grit sandpaper.

CYCLE ON TILES

AKRYLINE GG or GM or GF



WALL



FLOOR

AKRYLINE

DAY 1

- Lay the first roll of fiberglass mesh over the perfectly clean, dry surface. Proceed by laying the following rolls adjacent to the previous ones, without overlapping and avoiding folds or creases in the mesh.
- Apply a coat of **AKRYFUND** by roller or by brush, distributing the product evenly and homogeneously on the surface. Allow to dry for 3 to 4 hours.
- Once completely dry, apply a coat of **AKRYLINE GG** (coarse grain) with either a metal or a plastic trowel, taking care to smooth-off all excess product.

DAY 2

- Sand the surface with 40-50 grit sandpaper and then vacuum clean the dust.
- Check the evenness of the surface and apply a coat of **AKRYLINE GM** (medium grain) with the use of a metal trowel taking care to smooth-off all excess product.
- Allow to dry for 4-6 hours.

NB: proceed with the following activities only if you also want to use **AKRYLINE GF** (fine grain), otherwise, go directly to the application of the **KLEARTOP** finish.

- When completely dry, sand down the surface with 60-80 grit sandpaper and vacuum clean away the dust. Check the evenness of the surface and apply a coat of **AKRYLINE GF** (fine grain) with the use of a metal trowel taking care to level off all excess product.

DAY 3

- Sand down the surface with 100-150 grit sandpaper and vacuum clean away the dust.
- Add all the required quantity of **CATALFIN** to the **KLEARTOP** product while stirring with a mechanical mixer. Continue mixing until the two components are perfectly emulsified. Manual mixing alone may not be sufficient to achieve perfect blending of the two components.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
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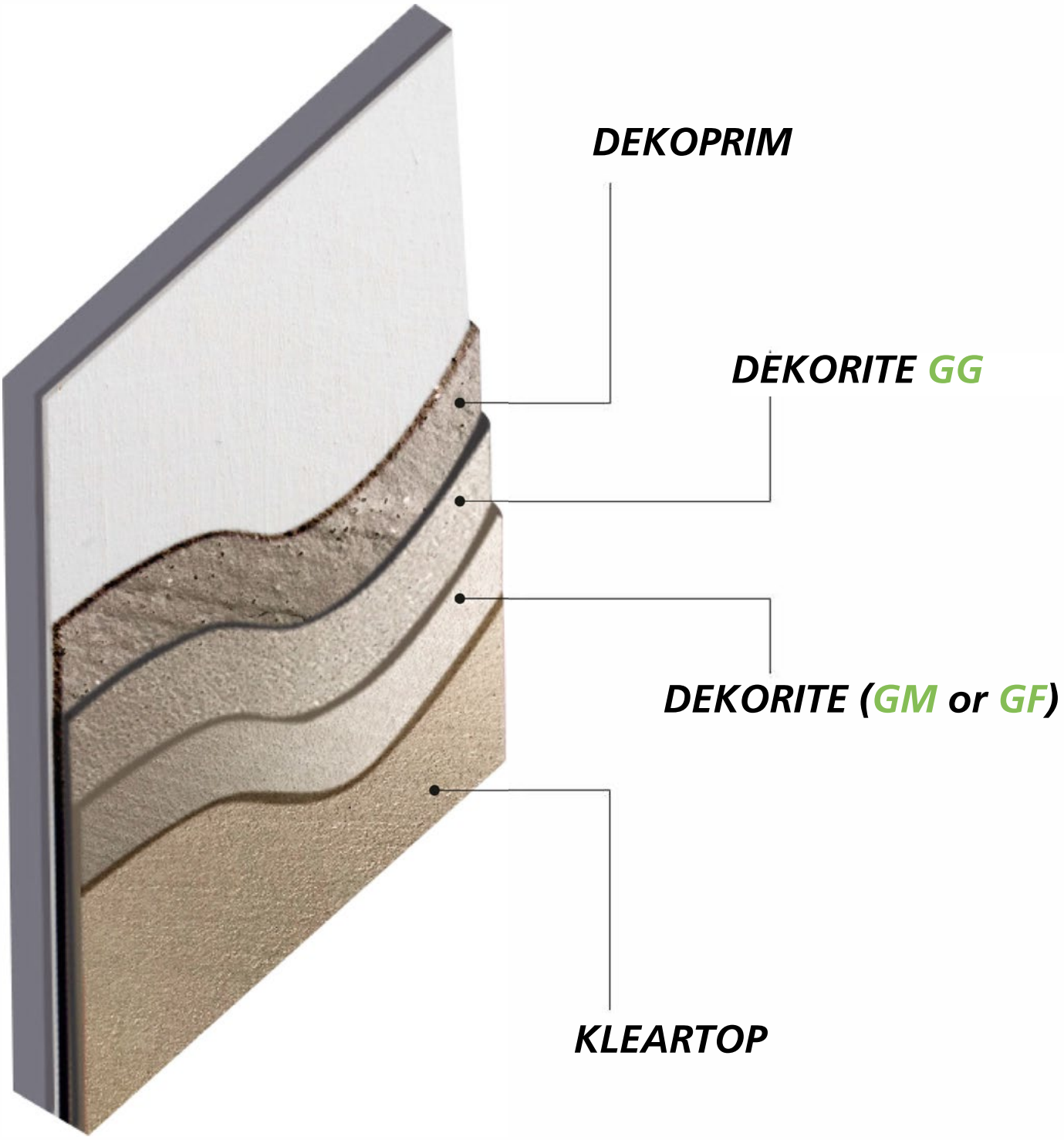
- Apply the first coat of KLEARTOP with a short pile roller, by brush or by airless spraying equipment and allow to dry for 4-6 hours.
- Apply the second coat of **KLEARTOP** by short pile roller, brush or airless spraying and allow to dry.
- For the **KLEARTOP 100** high gloss version, a third coat can be applied to increase the gloss of the surface.

IMPORTANT: in case more than 24 hours pass between coats, it will be necessary to sand the surface with 320 grit sandpaper.

NB: for wall applications, **KOVERWALL** can be used as an alternative to **KLEARTOP.** Being a singlecomponent product, it must not be catalyzed. The application steps to follow are the same as for **KLEARTOP.**

CYCLE ON PLASTER BOARDS

DEKORITE GG or GM or GF



WALL

DEKORITE

DAY 1

- Lay the first roll of fiberglass mesh over the clean, dry surface. Proceed by laying the following rolls adjacent to the previous ones, without overlapping and avoiding folds or creases in the mesh.
- Thoroughly mix the **DEKOHARD** and add all the required contents to the **DEKOPRIM** product can.
- Use a mechanical mixer at low speed to stir well until the two components are completely blended together.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: DEKOPRIM 100 + DEKOHARD 10
- Apply a coat of **DEKOPRIM** by roller or by brush, distributing the product evenly and homogeneously on the surface, and allow to dry for 1-2 hours.
- Thoroughly mix the **DEKOHARD** and add all the entire contents to the **DEKORITE GG** (coarse grain) product can.
- Use a mechanical mixer at low speed to stir well until the two components are completely blended together. Apply the prepared product evenly, troweling off all excess product to a level surface.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: DEKORITE 100 + DEKOHARD 10.

DAY 2

- Sand the surface with 40-50 grit sandpaper and then vacuum clean the dust.
- Check the evenness of the surface and apply a coat of **DEKORITE GM** (medium grain) with the use of a steel trowel taking care to level off all excess product.
- Allow to dry for 12 hours.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: DEKORITE 100 + DEKOHARD 10

DAY 3

NB: this day is necessary only if you also want to us**e DEKORITE GF** (fine grain), otherwise, go directly to the application of the **KLEARTOP** finish.

- When completely dry, sand the surface with 60-80 grit sandpaper and vacuum clean away the dust.
- Check the evenness of the surface and apply a coat of **DEKORITE GF** (fine grain) with the use of a steel trowel taking care to level off all excess product.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: DEKORITE 100 + DEKOHARD 10.

DAY 4

- When completely dry, sand down the surface with 100-150 grit sandpaper and vacuum away the dust.
- Add all the required quantity of **CATALFIN** to the **KLEARTOP** product while stirring with a mechanical mixer. Continue mixing until the two components are perfectly emulsified. Manual mixing alone may not be sufficient to achieve perfect blending of the two components.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
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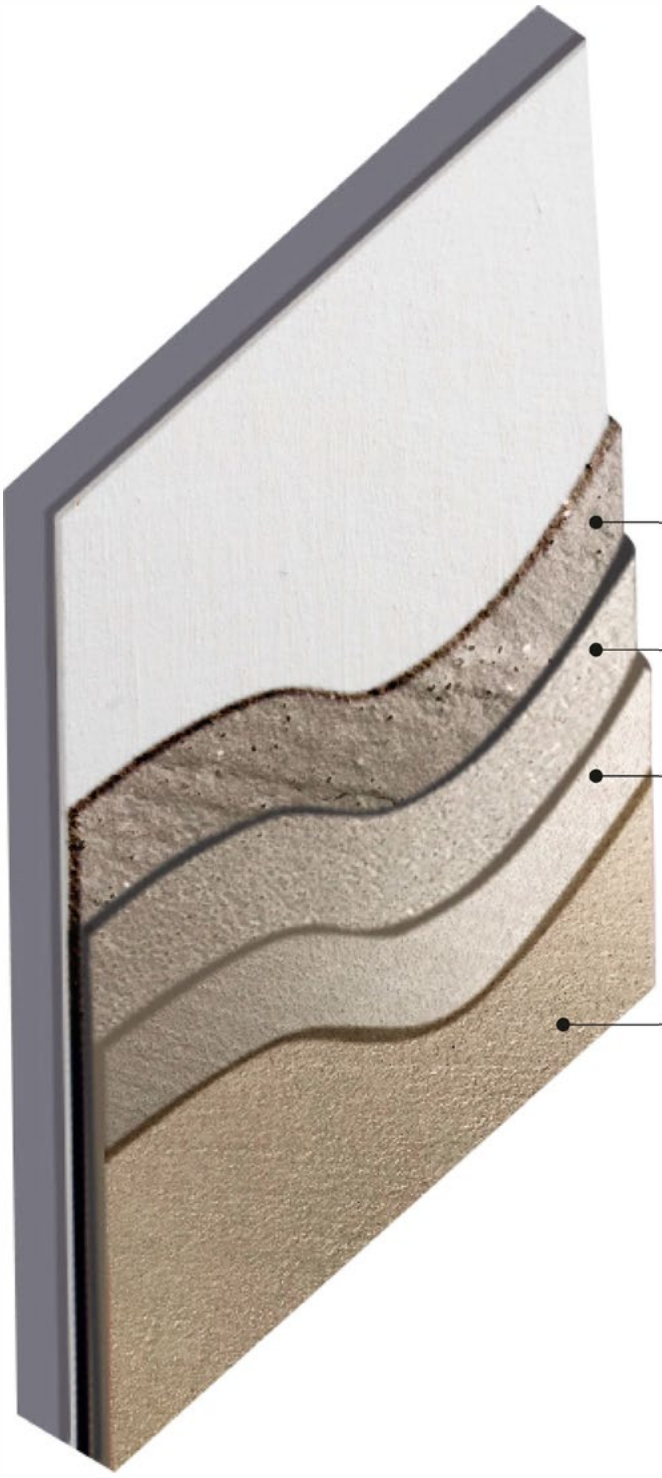
- Apply the first coat of **KLEARTOP** with a short pile roller, by brush or by airless spraying equipment and allow to dry for 4 to 6 hours.
- Apply the second coat of **KLEARTOP** by short pile roller, brush or airless spraying and allow to dry for another 4 to 6 hours.
- For the **KLEARTOP 100** high gloss version, a third coat can be applied to increase the surface gloss.

IMPORTANT: in case more than 24 hours pass between coats, it will be necessary to sand the surface with 320 grit sandpaper.

CYCLE ON PLASTER BOARDS

AKRYLINE GG or GM or GF



AKRYFUND

AKRYLINE GG

AKRYLINE GM (or GF)

KLEARTOP or KOVERWALL
for walls only

WALL

AKRYLINE

DAY 1

- Lay the first roll of fiberglass mesh over the perfectly clean, dry surface. Proceed by laying the following rolls adjacent to the previous ones, without overlapping and avoiding folds or creases in the mesh.
- Apply a coat of **AKRYFUND** by roller or by brush, distributing the product evenly and homogeneously on the surface. Allow to dry for 3 to 4 hours.
- Once completely dry, apply a coat of **AKRYLINE GG** (coarse grain) with either a metal or a plastic trowel, taking care to smooth-off all excess product.

DAY 2

- Sand the surface with 40-50 grit sandpaper and then vacuum clean the dust.
- Check the evenness of the surface and apply a coat of **AKRYLINE GM** (medium grain) with the use of a metal trowel taking care to smooth-off all excess product.
- Allow to dry for 4-6 hours.

NB: proceed with the following activities only if you also want to use **AKRYLINE GF** (fine grain), otherwise, go directly to the application of the **KLEARTOP** finish.

- When completely dry, sand down the surface with 60-80 grit sandpaper and vacuum clean away the dust. Check the evenness of the surface and apply a coat of **AKRYLINE GF** (fine grain) with the use of a metal trowel taking care to level off all excess product.

DAY 3

- Sand down the surface with 100-150 grit sandpaper and vacuum clean away the dust.
- Add all the required quantity of **CATALFIN** to the **KLEARTOP** product while stirring with a mechanical mixer. Continue mixing until the two components are perfectly emulsified. Manual mixing alone may not be sufficient to achieve perfect blending of the two components.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale.
  Catalysis ratio: KLEARTOP 100 + CATALFIN 20.
- Apply the first coat of KLEARTOP with a short pile roller, by brush or by airless spraying equipment and allow to dry for 4-6 hours.
- Apply the second coat of **KLEARTOP** by short pile roller, brush or airless spraying and allow to dry.
- For the **KLEARTOP 100** high gloss version, a third coat can be applied to increase the gloss of the surface.

IMPORTANT: in case more than 24 hours pass between coats, it will be necessary to sand the surface with 320 grit sandpaper.

NB: for wall applications, **KOVERWALL** can be used as an alternative to **KLEARTOP.** Being a singlecomponent product, it must not be catalyzed. The application steps to follow are the same as for **KLEARTOP.**

REV2

DEKOPRIM

Two-component primer

PRODUCT DESCRIPTION

Two-component waterborne primer for interiors with high adhesive power.

INTENDED USE

Destination: Interiors.

Specific for: DEKORITE epoxy resin based continuous floor and wall coating

SURFACE PREPARATION

The correct surface preparation of the substrate will guarantee the best results in terms of product yield, appearance and resistance in time of the finish.

Important: The surface on which to apply DEKOPRIM must be perfectly dry and clean.
Check with a HYGROMETER that the humidity of the support is less than 3%.

WALL SURFACES

- **New unpainted surface**: clean the surface and remove all possible traces of dust or dirt.
- **Previously painted surfaces**: Check that the state of the existing paintwork is in excellent condition, if so, proceed with the application of the primer. If the surface shows signs of defects, such as peeling or chalking, remove any loose parts that would compromise the correct adhesion of the product then proceed as indicated hereabove for **New unpainted surfaces**.

IRON

- **New iron**: clean and degrease to remove any dust or dirt. Prepare the surface by applying ANTIRUST or ADIMIN anti-rust primer.
- **Iron with old paint**: clean, degrease, brush to remove any loose paint and sand to remove any rust. Prepare the surface by applying **ANTIRUST** or **ADIMIN** anti-rust primer.

DIFFICULT SUBSTRATES (GALVANIZED METALS, ALUMINUM, PVC)

- Clean and degrease the surface to remove all possible traces of dust or dirt. Prime the support with **FUNDFLEX.**

FLOORS

- **Tiles**: clean and degrease to remove any dust and dirt. If the substrate has been treated with wax, it is essential to remove it completely with a wax remover and then rinse the substrate with water. As an alternative, we recommend mechanical abrasion with a tool suitable for the substrate.
- **Screed / Industrial cement**: Clean and degrease to remove any dust or dirt. Remove any traces of oil and grease by mechanical abrasion with a tool suitable for the substrate.
- To remove any leftover residual material, before proceeding to the application cycle, we recommend sanding the substrate with a 24-36-grit, single-brush, floor sanding machine or with an appropriate tool according to the support.

All holes and cracks must be repaired before proceeding to the application cycle.
Stable and state-of-the-art expansion joints may not be respected, while all structural joints must absolutely be considered and respected.

PRODUCT DESCRIPTION

- Lay the first roll of fiberglass mesh over the clean, dry surface. Proceed by laying the following rolls adjacent to the previous ones, without overlapping and avoiding folds or creases in the mesh.
- Stir **DEKOHARD** (catalyst) thoroughly and pour the entire contents into the **DEKOPRIM**. Mix at low speed by mechanical stirring until the two components are completely blended together.
  Catalysis should be carried out by weight and not by volume. If it is not necessary to use the entire package, use an electronic scale to determine the appropriate amount of product.
  Catalysis: DEKOPRIM 100 + DEKOHARD 10.
- Apply one coat of **DEKOPRIM** with a roller or a brush; spreading the product evenly and smoothly over the surface and allow to dry for 1 to 2 hours.
- Complete the system following the application steps of the **AKRYLINE** technical data sheet

N.B. Do not dilute the primer if applied over tiles or non-absorbent surfaces.
For cement-based, absorbent screeds, the product can be diluted with max. 10% of clean tap water.
In case of high chalking surfaces or poorly consistent screeds, thin with max 20% water.

TOOL CLEANING

Clean working tools immediately after use with soap and water.

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (m²/ℓ)	-	-	4 to 6 Variable according to support
	Catalysis ratio	-	-	Dekoprim: 100 Dekohard: 10
	Pot life	-	Hours	About 3
	Thinning (%)	-	Water	Ready to use or with max. 20% (if thinning, add water only after catalysis
	Touch dry (at 25°C)	-	Hours	1 to 2
	Recoat time	-	Hours	3 to 4
	Density (kg/ℓ, ±0.02)	ISO 2811	at 20°C	1.300
	Viscosity Brookfield (mPa·s)	ISO 2555	at 25°C	8,000 to 10,000
pH	pH value (±0.5)	-	-	8.5
	Solid contents by weight (%, ±1)	-	-	42

* the data herein reported refer to measurements made at the end of the production process.

WARNINGS AND ADDITIONAL INFORMATION

- Do not apply with air and surface temperatures below 5°C and above 28°C.
- The drying times indicated may vary in relation to the relative humidity and the existing temperature.
- Carefully verify spread rates and the surface area to be coated to avoid running short of product during the working process. This will also reduce the risk of eventual differences in tones.
- The spread rates and yields of the product are given as guidance only and may vary notably according to the substrate condition and the application method used.
- Stir the product thoroughly before use.
- It is recommended to always carry out a sample test on the specific surface before starting the final work.

HANDLING AND STORAGE

- Consult the relative **Safety Data Sheet** for the detailed user's health and safety information.
- Use the product in accordance with your current health and safety legislation regulations in force.
- Do not disperse the packaging in the environment
- Store the undiluted product, in original well sealed containers, in a cool and dry area, sheltered from frost and sources of heat.
- Protect the product at all times from freezing.

COLORS

- White

TECHNICAL DATA SHEET

REV2

AKRYFUND

Multifunctional primer

PRODUCT DESCRIPTION

Mono-component primer with high adhesive power.

INTENDED USE

Destination: Interiors and Exteriors.

Specific for: DAKRYLINE polyacrylic resin based continuous floor and wall coating.

SURFACE PREPARATION

The correct surface preparation of the substrate will guarantee the best results in terms of product yield, appearance and resistance in time of the finish.

Important: The surface on which to apply **DEKOPRIM** must be perfectly dry and clean.
Check with a HYGROMETER that the humidity of the support is less than 3%.

WALL SURFACES

- **New unpainted surface**: clean the surface and remove all possible traces of dust or dirt.
- **Previously painted surfaces**: Check that the state of the existing paintwork is in excellent condition, if so, proceed with the application of the primer. If the surface shows signs of defects, such as peeling or chalking, remove any loose parts that would compromise the correct adhesion of the product then proceed as indicated hereabove for **New unpainted surfaces**.

IRON

- **New iron**: clean and degrease to remove any dust or dirt. Prepare the surface by applying ANTIRUST or ADIMIN anti-rust primer.
- **Iron with old paint**: clean, degrease, brush to remove any loose paint and sand to remove any rust. Prepare the surface by applying **ANTIRUST** or **ADIMIN** anti-rust primer.

DIFFICULT SUBSTRATES (GALVANIZED METALS, ALUMINUM, PVC)

- Clean and degrease the surface to remove all possible traces of dust or dirt. Prime the support with **FUNDFLEX.**

FLOORS

- **Tiles**: clean and degrease to remove any dust and dirt. If the substrate has been treated with wax, it is essential to remove it completely with a wax remover and then rinse the substrate with water. As an alternative, we recommend mechanical abrasion with a tool suitable for the substrate.
- **Screed / Industrial cement**: Clean and degrease to remove any dust or dirt. Remove any traces of oil and grease by mechanical abrasion with a tool suitable for the substrate.
- To remove any leftover residual material, before proceeding to the application cycle, we recommend sanding the substrate with a 24-36-grit, single-brush, floor sanding machine or with an appropriate tool according to the support.

All holes and cracks must be repaired before proceeding to the application cycle.
Stable and state-of-the-art expansion joints may not be respected, while all structural joints must absolutely be considered and respected.

PRODUCT DESCRIPTION

- Lay the first roll of fiberglass mesh over the clean, dry surface. Proceed by laying the following rolls adjacent to the previous ones, without overlapping and avoiding folds or creases in the mesh.
- Apply one coat of **AKRYFUND** with a roller or a brush; spread the product evenly and smoothly over the surface and allow to dry.
- Apply one coat of **DEKOPRIM** with a roller or a brush; spreading the product evenly and smoothly over the surface and allow to dry for 1 to 2 hours.
- Complete the system following the application steps of the **AKRYLINE** technical data sheet.

N.B. Do not dilute the primer if applied over tiles or non-absorbent surfaces.
For cement based absorbent screeds, the product can be diluted with max. 10% of clean tap water.

TOOL CLEANING

Clean working tools immediately after use with soap and water.

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (m²/ℓ)	-	-	4 to 5 On absorbent supports 5 to 7 On tiles and non-absorbent supports
	Thinning (%)	-	Water	Ready to use or with max. 10%
	Touch dry (at 25°C)	-	hours	1 to 2
	Recoat time	-	hours	3 to 4
	Density (kg/ℓ, ±0.02)	ISO 2811	at 20°C	1.210
	Viscosity Brookfield (mPa·s)	ISO 2555	at 25°C	8,000 to 10,000
pH	pH value (±0.5)	-	-	8.5
	Solid contents by weight (%, ±1)	-	-	40

* the data herein reported refer to measurements made at the end of the production process.

WARNINGS AND ADDITIONAL INFORMATION

- Do not apply with air and surface temperatures below 5°C and above 28°C.
- The drying times indicated may vary in relation to the relative humidity and the existing temperature.
- Carefully verify spread rates and the surface area to be coated to avoid running short of product during the working process. This will also reduce the risk of eventual differences in tones.
- The spread rates and yields of the product are given as guidance only and may vary notably according to the substrate condition and the application method used.
- Stir the product thoroughly before use.
- It is recommended to always carry out a sample test on the specific surface before starting the final work.

HANDLING AND STORAGE

- Consult the relative **Safety Data Sheet** for the detailed user's health and safety information.
- Use the product in accordance with your current health and safety legislation regulations in force.
- Do not disperse the packaging in the environment
- Store the undiluted product, in original well sealed containers, in a cool and dry area, sheltered from frost and sources of heat.
- Protect the product at all times from freezing.

COLORS

- White

TECHNICAL DATA SHEET

REV2

DEKORITE

Two-component wall and floor coating

PRODUCT DESCRIPTION

Two-component, continuous floor and wall coating product based on waterborne epoxy resins and selected extenders. The product features high resistance to mechanical stress and compression

INTENDED USE

Destination: Interiors.
Specific for: Cement-based substrates, gypsum and plasterboard, terracotta, ceramic, MDF and / or composite materials, iron, PVC, stainless steel, galvanized metals, after adequate surface treatment. Floors and Walls

SURFACE PREPARATION

The correct surface preparation of the substrate will guarantee the best results in terms of product yield, appearance and resistance in time of the finish.

- Apply one coat of **DEKOPRIM** following the instructions on the relative technical data sheet and the following. Application Method steps in this data sheet.

All holes and cracks must be repaired before proceeding to the application cycle.
Before applying the product over tiles with joints greater than 3 mm, we recommend leveling the joints by applying one coat of AKRYLINE GG. Once dry, proceed with the laying the mesh and applying the DEKOPRIM. Stable and state-of-the-art expansion joints may not be respected, while all structural joints must absolutely be considered and respected.

APPLICATION METHOD

DAY 1	Lay the first roll of fiberglass mesh over the clean, dry surface. Proceed by laying the following rolls adjacent to the previous ones, without overlapping and avoiding folds or creases in the mesh.
	Thoroughly mix the **DEKOHARD** and add all the required contents to the **DEKOPRIM** product can.
	Use a mechanical mixer at low speed to stir well until the two components are completely blended together.
	The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale. **Catalysis ratio: DEKOPRIM 100 + DEKOHARD 10.**
	Apply a coat of DEKOPRIM by roller or by brush, distributing the product evenly and homogeneously on the surface, and allow to dry for 1-2 hours.
	Thoroughly mix the **DEKOHARD** and add all the entire contents to the **DEKORITE GG** (coarse grain) product can.
	Use a mechanical mixer at low speed to stir well until the two components are completely blended together. Apply the prepared product evenly, troweling off all excess product to a level surface.
	The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale. **Catalysis ratio: DEKORITE 100 + DEKOHARD 10.**
DAY 2	Sand the surface with 40-50 grit sandpaper and then vacuum clean the dust.
	Check the evenness of the surface and apply a coat of **DEKORITE GM** (medium grain) with the use of a steel trowel taking care to level off all excess product.
	Use a mechanical mixer at low speed to stir well until the two components are completely blended together.
	Allow to dry for 12 hours.
	The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities wi th an electronic scale. **Catalysis ratio: DEKORITE 100 + DEKOHARD 10**
DAY 3	**NB: this day is necessary only if you also want to use DEKORITE GF (fine grain), otherwise, go directly to the application of the KLEARTOP finish.**
	When completely dry, sand the surface with 60-80 grit sandpaper and vacuum clean away the dust.
	Check the evenness of the surface and apply a coat of **DEKORITE GF** (fine grain) with the use of a steel trowel taking care to level off all excess product.
	The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale. **Catalysis ratio: DEKORITE 100 + DEKOHARD 10.**
DAY 4	When completely dry, sand down the surface with 100-150 grit sandpaper and vacuum away the dust.
	Add all the required quantity of **CATALFIN** to the **KLEARTOP** product while stirring with a mechanical mixer. Continue mixing until the two components are perfectly emulsified. Manual mixing alone may not be sufficient to achieve perfect blending of the two components.
	The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale. **Catalysis ratio: KLEARTOP 100 + CATALFIN 20**
	Apply the first coat of **KLEARTOP** with a short pile roller, by brush or by airless spraying equipment and allow to dry for 4 to 6 hours.
	Apply the second coat of **KLEARTOP** by short pile roller, brush or airless spraying and allow to dry for another 4 to 6 hours.
	For the **KLEARTOP 100** high gloss version, a third coat can be applied to increase the surface gloss.
	Important: in case more than 24 hours pass between coats, it will be necessary to sand the surface with 320 grit sandpaper

TOOL CLEANING

- Clean working tools immediately after use with soap and water.

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (kg/m²)	-	-	• DEKORITE GG • DEKORITE GM • DEKORITE GF	1.5 to 1.7 0.5 to 0.6 0.3 to 0.4
	Catalysis ratio	-	-	-	Dekorite: 100 Dekohard: 10
	Pot life	-	Hours	-	About 3
	Thinning (%)	-	-	-	Ready to use
	Touch dry (at 25°C)	-	Hours	-	3 to 4
	Recoat time	-	Hours	-	12
	Density (kg/ℓ, ±0.02)	ISO 2811	at 20°C	• DEKORITE GG • DEKORITE GM • DEKORITE GF	1.530 1.680 1.600
	Viscosity	-	at 20°C	-	Thixotropic paste
pH	pH value (±0.5)	-	-	-	8.5
	Solid contents by weight (%, ±1)	-	-	-	75

* the data herein reported refer to measurements made at the end of the production process.

WARNINGS AND ADDITIONAL INFORMATION

- Do not apply with air and surface temperatures below 5°C and above 28°C.
- The drying times indicated may vary in relation to the relative humidity and the existing temperature.
- Carefully verify spread rates and the surface area to be coated to avoid running short of product during the working process. This will also reduce the risk of eventual differences in tones.
- The spread rates and yields of the product are given as guidance only and may vary notably according to the substrate condition and the application method used.
- Stir the product thoroughly before use.
- It is recommended to always carry out a sample test on the specific surface before starting the final work.

HANDLING AND STORAGE

- Consult the relative **Safety Data Sheet** for the detailed user's health and safety information.
- Use the product in accordance with your current health and safety legislation regulations in force.
- Do not disperse the packaging in the environment
- Store the undiluted product, in original well sealed containers, in a cool and dry area, sheltered from frost and sources of heat.
- Protect the product at all times from freezing.

COLORS

- Neutral-grey Base

Reference color-guides.	• Adicolor fan-deck "Le sensazioni del colore" • NCS® • RAL® • The specific product catalogue/color-guide

For pale, light colors, we recommend applying the product with a white plastic trowel.

- If the product requires coloring, be sure to use product bases and colorants belonging to the same batch number for the same job to avoid slight variations in color from showing.
- When using multiple cans for the same job, we recommend to mix the relative products together before use. We also recommend to use products from the same batch numbers for the same application area.
- The colors presented in our catalogues are for guidance only, even when true product applications are shown. Colors may vary notably in relation to the application, the substrate, light reflectance and the environment.
- It is recommended to test and validate colors before carrying out the final job in order to avoid any disputes

TECHNICAL DATA SHEET

REV2

AKRYLINE

Wall and floor coating

PRODUCT DESCRIPTION

Ready-to-use, single-component, waterborne flooring and coating product. Thanks to its formulation based on polyacrylic resins and selected extenders, the product guarantees a very high resistant to mechanical stress and to compression.

INTENDED USE

Destination: Interiors. Exteriors (not directly exposed to atmospheric agents)
Specific for: Cement-based substrates, gypsum and plasterboard, terracotta, ceramic, MDF and / or composite materials, iron, PVC, stainless steel, galvanized metals, after adequate surface treatment
Floors and walls

SURFACE PREPARATION

The correct surface preparation of the substrate will guarantee the best results in terms of product yield, appearance and resistance in time of the finish.

- Apply one coat of **AKRYFUND** according to the instructions in the relative technical data sheet and the Application Method steps on this data sheet..

All holes and cracks must be repaired before proceeding to the application cycle.
Before applying the product over tiles with joints greater than 3 mm, we recommend leveling the joints by applying one coat of AKRYLINE GG. Once dry, apply AKRYFUND and the mesh.
Stable and state-of-the-art expansion joints may not be respected, while all structural joints must absolutely be considered and respected.

APPLICATION METHOD

DAY 1	Lay the first roll of fiberglass mesh over the perfectly clean, dry surface. Proceed by laying the following rolls adjacent to the previous ones, without overlapping and avoiding folds or creases in the mesh.
	Apply a coat of **AKRYFUND** by roller or by brush, distributing the product evenly and homogeneously on the surface. Allow to dry for 3 to 4 hours.
	Once completely dry, apply a coat of **AKRYLINE GG** (coarse grain) with either a metal or a plastic trowel, taking care to smooth-off all excess product.

DAY 2	Sand the surface with 40-50 grit sandpaper and then vacuum clean the dust.
	Check the evenness of the surface and apply a coat of **AKRYLINE GM** (medium grain) with the use of ametal trowel taking care to smooth-off all excess product.
	Allow to dry for 4-6 hours.
	NB: proceed with the following activities only if you also want to use AKRYLINE GF (fine grain), otherwise, go directly to the application of the KLEARTOP finish.
	When completely dry, sand down the surface with 60-80 grit sandpaper and vacuum clean away the dust. Check the evenness of the surface and apply a coat of **AKRYLINE GF** (fine grain) with the use of a metal trowel taking care to level off all excess product.

DAY 3	Sand down the surface with 100-150 grit sandpaper and vacuum clean away the dust.
	Add all the required quantity of **CATALFIN** to the **KLEARTO**P product while stirring with a mechanical mixer. Continue mixing until the two components are perfectly emulsified. Manual mixing alone maynot be sufficient to achieve perfect blending of the two components.
	The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale. **Catalysis ratio: KLEARTOP 100 + CATALFIN 20**
	Apply the first coat of **KLEARTOP** with a short pile roller, by brush or by airless spraying equipment and allow to dry for 4-6 hours.
	Apply the second coat of **KLEARTOP** by short pile roller, brush or airless spraying and allow to dry.
	For the **KLEARTOP 100** high gloss version, a third coat can be applied to increase the gloss of thesurface.
	Important: in case more than 24 hours pass between coats, it will be necessary to sand the surface with 320 grit sandpaper.
	NB: for wall applications, **KOVERWALL** can be used as an alternative to **KLEARTOP.** Being a singlecomponent product, it must not be catalyzed. The application steps to follow are the same as for **KLEARTOP.**

N.B. The system can also be applied to floors with an integrated heating system.

Do not apply on surfaces treated with elastomeric waterproofing products

TOOL CLEANING

- Clean working tools immediately after use with soap and water.

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (kg/m²)	-	-	▪ AKRYLINE GG ▪ AKRYLINE GM ▪ AKRYLINE GF	1.5 to 1.7 0.5 to 0.6 0.3 to 0.4
	Thinning (%)	-	-	-	Ready to use
☐	Touch dry (at 25°C)	-	hours	▪ AKRYLINE GG ▪ AKRYLINE GM ▪ AKRYLINE GF	3 to 4 2 to 3 2 to 3
	Recoat time	-	hours	▪ AKRYLINE GG ▪ AKRYLINE GM ▪ AKRYLINE GF	12 3 to 4 3 to 4
	Density (kg/ℓ, ±0.02)	ISO 2811	at 20°C	▪ AKRYLINE GG ▪ AKRYLINE GM ▪ AKRYLINE GF	1.640 1.680 1.600
•	Viscosity		at 20°C	-	Thixotropic paste
pH	pH value (±0.5)		-	-	8.5
⊙	Solid contents by weight (%, ±1)		-	▪ AKRYLINE GG ▪ AKRYLINE GM ▪ AKRYLINE GF	80 80 70

* the data herein reported refer to measurements made at the end of the production process.

WARNINGS AND ADDITIONAL INFORMATION

- Do not apply with air and surface temperatures below 5°C and above 28°C.
- The drying times indicated may vary in relation to the relative humidity and the existing temperature.
- Carefully verify spread rates and the surface area to be coated to avoid running short of product during the working process. This will also reduce the risk of eventual differences in tones.
- The spread rates and yields of the product are given as guidance only and may vary notably according to the substrate condition and the application method used.
- Stir the product thoroughly before use.
- It is recommended to always carry out a sample test on the specific surface before starting the final work.

HANDLING AND STORAGE

- Consult the relative **Safety Data Sheet** for the detailed user's health and safety information.
- Use the product in accordance with your current health and safety legislation regulations in force.
- Do not disperse the packaging in the environment
- Store the undiluted product, in original well sealed containers, in a cool and dry area, sheltered from frost and sources of heat.
- Protect the product at all times from freezing.

COLORS

- Neutral-grey Base

Reference color-guides.	• Adicolor fan-deck "Le sensazioni del colore" • NCS® • RAL® • The specific product catalogue/color-guide

For pale, light colors, we recommend applying the product with a white plastic trowel.

- If the product requires coloring, be sure to use product bases and colorants belonging to the same batch number for the same job to avoid slight variations in color from showing.
- When using multiple cans for the same job, we recommend to mix the relative products together before use. We also recommend to use products from the same batch numbers for the same application area.
- The colors presented in our catalogues are for guidance only, even when true product applications are shown. Colors may vary notably in relation to the application, the substrate, light reflectance and the environment.
- It is recommended to test and validate colors before carrying out the final job in order to avoid any disputes

TECHNICAL DATA SHEET

REV2

KLEARTOP

Two-component protective transparent finish

PRODUCT DESCRIPTION

KLEARTOP is a two-component, clear protective finish based on special water-dispersed polyacrylic resins. Being a a catalyzed product, it ensures optimal strength with a high chemical and abrasion resistance. CATAS certified food-grade product.

INTENDED USE

Destination: Interiors, Exteriors (not directly exposed to atmospheric agents)
Specific for: Protective finishing over **AKRYLINE** and **DEKORITE** systems, but it can also be used as a protective topcoat for ADICOLOR decorative effects.

Important: For application over **VENETIAN FAUX,** please contact our technical support department.

SURFACE PREPARATION

The correct surface preparation of the substrate will guarantee the best results in terms of product yield, appearance and resistance in time of the finish.

Important: The surface on which to apply **KLEARTOP** must be perfectly dry and clean.
Check with a HYGROMETER that the humidity of the support is less than 3%.

We recommend preparing **DEKORITE** or **AKRYLINE** surfaces by mechanical sanding with a mono-brush orbital sanding machine or a normal sander (according to the project) using 100-150 grit sandpaper then vacuuming away all the dust.

INSTRUCTIONS FOR USE

Tools used for application
- Brush *
- Short-pile roller *
- Airless spraying equipment (with a 2 to 2.5 mm nozzle)
- For brush and roller applications, it is essential to use new or perfectly clean tools.

INSTRUCTIONS FOR USE

APPLICATION METHOD

Important: Be certain that the surface to be protected with **KLEARTOP** is perfectly dry, clean, free from traces of dust and anything else that can enter through open doors and windows, before and throughout the application and drying.

- The product consists of two components that must be carefully mixed at the time of use.
- Add the entire contents of **CATALFIN** to the **KLEARTOP** can and stir thoroughly until the two components are perfectly emulsified. Do not dilute the product.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale to determine the appropriate amount of product.
  Catalysis ratio: KLEARTOP 100 + CATALFIN 20.
- Apply the first coat of **KLEARTOP** with a short-pile roller, brush, or airless spray and let dry for 4–6 hours.
- Check that the surface is completely dry and perfectly clean. Apply the second coat of **KLEARTOP** in the same way and let dry for another 4-6 hours.
- For the **KLEARTOP 100** high gloss version, a third coat can be applied for increased surface gloss.
- Important: if more than 24 hours pass between coats, it is necessary to sand the surface with 320 grit paper.

TOOL CLEANING

- Clean working tools immediately after use with soap and water.

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (m²/ℓ) (catalyzed product on smooth surfaces)	-	-	12 to 14 2 coats are always recommended for a good resistance
	Catalysis ratio	-	-	Kleartop: 100 Catalfin: 20
	Thinning (%)	-	-	Ready to use
	Drying time at 20°C and 45 to 65% relative humidity:			
	Dust free	-	minutes	30 to 45
	Recoat time	-	hours	4 to 6
	Walkable to light traffic	-	hours	24
	Walkable to heavy traffic	-	hours	48
	Totally dry	-	days	7
	Pot life	-	hours	3
	Density (kg/ℓ, ±0.02)	ISO 2811	at 20°C	1.050
	Viscosity Ford Cup 4 (s)	-	at 20°C	15 to 25
	Gloss (60°)	-	-	Kleartop 5: 3 to 7 Kleartop 30: 25 to 35 Kleartop 50: 45 to 55 gloss Kleartop 100: 85 to 100 gloss
	Solid contents by weight (%, ±1)	-	-	40

* the data herein reported refer to measurements made at the end of the production process.

WARNINGS AND ADDITIONAL INFORMATION

- Do not apply with air and surface temperatures below 5°C and above 28°C.
- The drying times indicated may vary in relation to the relative humidity and the existing temperature.
- Carefully verify spread rates and the surface area to be coated to avoid running short of product during the working process.
- The spread rates and yields of the product are given as guidance only and may vary notably according to the substrate condition and the application method used.
- Stir the product thoroughly before use.
- It is recommended to always carry out a sample test on the specific surface before starting the final work.
- To clean **KLEARTOP,** simply wipe with a damp cloth and a neutral, non-aggressive detergent.

HANDLING AND STORAGE

- Consult the relative **Safety Data Sheet** for the detailed user's health and safety information.
- Use the product in accordance with your current health and safety legislation regulations in force.
- Do not disperse the packaging in the environment
- Store the undiluted product, in original well sealed containers, in a cool and dry area, sheltered from frost and sources of heat.
- Protect the product at all times from freezing.

COLORS

- KLEARTOP 5: Transparent Matt
- KLEARTOP 30: Transparent Satin
- KLEARTOP 50: Transparent Semi-gloss
- KLEARTOP 100: Transparent High gloss

TECHNICAL DATA SHEET

REV2

KOVERWALL

Protective transparent finish for walls

PRODUCT DESCRIPTION

High-performance, single component clear protective finish for walls. It is highly resistant to scratches, water and wearing and guarantees top quality work by offering, in some applications, characteristics that are not equal but very close to those of a two-component product.

INTENDED USE

Destination: Interiors, Exteriors
Specific for: Application on walls over the AKRYLINE system and other supports, appropriately treated.
Cement based surfaces, woodwork. Ideal for bathrooms and kitchens.

SURFACE PREPARATION

The correct surface preparation of the substrate will guarantee the best results in terms of product yield, appearance and resistance in time of the finish.

Check that the state of the existing coating is in excellent condition and completely dry. Clean the surface perfectly well and remove all possible traces of dust or dirt.

Additional information:
- The substrates must in every case be sound, dry and clean.
- Remove all possible traces of dust, dirt or other impurities before the application.
- The nature of the support can change the final appearance of product.

INSTRUCTIONS FOR USE

Tools used for application
- Brush *
- Short-pile roller *
- Airless spraying equipment (with a 2 to 2.5 mm nozzle)
- For brush and roller applications, it is essential to use new or perfectly clean tools.

INSTRUCTIONS FOR USE

APPLICATION METHOD

Apply the product preferably in two coats
It is possible to catalyze the product by adding 5% of Catalfin to reach a higher performance level.

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (m²/ℓ)		-	8 to 10 2 coats are advisable for good resistance
	Thinning (%)	-	Water	Ready to use or with max. 10%
	Touch dry (at 25°C)	-	hours	3 to 4
	Recoat time	-	hours	4 to 6
	Totally dry	-	hours	After 96 hours for maximum performance
	Density (kg/ℓ, ±0.02)	ISO 2811	at 20°C	1.030
	Viscosity DIN Cup 4 (s)		at 20°C	30 to 40
pH	pH value (±0.5)	-	-	7.5
	Gloss (60, ±5)	-	-	Gloss type: 80 Matt type: 10
	Solid contents by weight (%, ±1)	-	-	29

* the data herein reported refer to measurements made at the end of the production process.

TOOL CLEANING

- Clean working tools immediately after use with soap and water.

WARNINGS AND ADDITIONAL INFORMATION

- Do not apply with air and surface temperatures below 5°C and above 28°C.
- The drying times indicated may vary in relation to the relative humidity and the existing temperature.
- Carefully verify spread rates and the surface area to be coated to avoid running short of product during the working process.
- The spread rates and yields of the product are given as guidance only and may vary notably according to the substrate condition and the application method used.
- Stir the product thoroughly before use.
- It is recommended to always carry out a sample test on the specific surface before starting the final work.

HANDLING AND STORAGE

- Consult the relative **Safety Data Sheet** for the detailed user's health and safety information.
- Use the product in accordance with your current health and safety legislation regulations in force.
- Do not disperse the packaging in the environment
- Store the undiluted product, in original well sealed containers, in a cool and dry area, sheltered from frost and sources of heat.
- Protect the product at all times from freezing.

COLORS

- Transparent Gloss • Transparent Matt

TECHNICAL DATA SHEET

REV2

LACKTOP

Two-component, pigmented coating for walls and floors

PRODUCT DESCRIPTION

LACKTOP is a pigmented finish based on special polyacrylic resins in aqueous dispersion. Being a catalyzed product, it offers excellent performance in terms of hardness, chemical resistance and abrasion resistance.

INTENDED USE

Destination: Interiors and Exteriors (not directly exposed to atmospheric agents)
Specific for: AKRYLINE and DEKORITE systems. Also for other correctly prepared surfaces. Walls and floors.

SURFACE PREPARATION

The correct surface preparation of the substrate will guarantee the best results in terms of product yield, appearance and resistance in time of the finish.

- We recommend to prepare the surface by mechanical sanding with a mono-brush or sander using 280 grit paper then vacuum clean away all the dust well.

Additional information:
- The substrates must in every case be sound, dry and clean.
- Remove all possible traces of dust, dirt or other impurities before the application.
- The nature of the support can change the final appearance of product.

INSTRUCTIONS FOR USE

Tools used for application
- Brush
- Roller
- Airless spraying equipment

INSTRUCTIONS FOR USE

APPLICATION METHOD

The product consists of two components to be mixed together thoroughly at the moment of use.

- Add all the contents of **CATALFIN** to the **LACKTOP** while stirring. Continue mixing until the two components are perfectly emulsified. Dilute with 20% of water only after catalysis.
  The catalysis must be carried out by weight and not by volume, so if it is not necessary to use the entire package, weigh the exact quantities required with an electronic scale.
  Catalysis ratio: LACKTOP 100 + CATALFIN 10.
- Apply two coats of product with a short-pile roller, a brush or by airless spraying.
- Once LACKTOP has dried, it is recommended to apply a coat of KLEARTOP to increase the final resistance.

Important: if more than 24 hours pass between coats, it is necessary to sand the surface with 320 grit paper.

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (m²/ℓ)	-	-	8 to 10
	Catalysis ratio	-	-	Lacktop: 100 Catalfin: 10
	Thinning (%)	-	water	20% to be added after catalysis
	Drying time at 20°C and 45 to 65% relative humidity:			
	Dust free	-	minutes	30
	Recoat time	-	hours	3 to 4
	Surface walkable to light traffic	-	hours	24
	Surface walkable to heavy traffic	-	hours	48
	Totally dry	-	days	7
	Pot life		hours	3
	Density (kg/ℓ, ±0.02)	ISO 2811	at 20°C	1.200r
	Viscosity Brookfield (mPa·s)	ISO 2555	at 20°C	4,000 to 5,000
	Gloss (60°)	-	-	25 to 35
	Solid contents by weight (%, ±1)	-	-	43

* the data herein reported refer to measurements made at the end of the production process.

TOOL CLEANING

- Clean working tools immediately after use with soap and water.

WARNINGS AND ADDITIONAL INFORMATION

- Do not apply with air and surface temperatures below 5°C and above 28°C.
- The drying times indicated may vary in relation to the relative humidity and the existing temperature.
- Carefully verify spread rates and the surface area to be coated to avoid running short of product during the working process.
- The spread rates and yields of the product are given as guidance only and may vary notably according to the substrate condition and the application method used.
- Stir the product thoroughly before use.
- It is recommended to always carry out a sample test on the specific surface before starting the final work.

HANDLING AND STORAGE

- Consult the relative **Safety Data Sheet** for the detailed user's health and safety information.
- Use the product in accordance with your current health and safety legislation regulations in force.
- Do not disperse the packaging in the environment
- Store the undiluted product, in original well sealed containers, in a cool and dry area, sheltered from frost and sources of heat.
- Protect the product at all times from freezing.

COLORS

- WHITE

On request, it is possible to make custom colors from the RAL color guide

- When using multiple cans for the same job, we recommend to mix the relative products together before use.
- We also recommend to use products from the same batch numbers for the same application area.
- The colors presented in our catalogues are for guidance only, even when true product applications are shown.
- Colors may vary notably in relation to the application, the substrate, light reflectance and the environment.
- It is recommended to test and validate colors before carrying out the final job in order to avoid any disputes.

TECHNICAL DATA SHEET

REV2

PLAINTOP

High gloss two-component floor coating

PRODUCT DESCRIPTION

High gloss transparent, two-component waterborne self-levelling epoxy resin based coating, solvent free and low yellowing. The product can be colored or it can be applied over the decorative finishes of the Adicolor line, or additionally mixed with glitters and other decorative elements to create highly artistic floors with a vitrified effect. It can also englobe 3D illustrations for unique aesthetic results.

INTENDED USE

Destination: Interiors.
Specific for: Cement based surfaces, terracotta, ceramic, after applying a suitable primer. Floors and horizontal surfaces

SURFACE PREPARATION

The correct surface preparation of the substrate will guarantee the best results in terms of product yield, appearance and resistance in time of the finish.

Important: The surface on which to apply **PLAINTOP** must be perfectly dry and clean. Check with a HYGROMETER that the humidity of the support is less than 3%.

CEMENT BASED SURFACES
- Apply a coat of **AKRYFUND** primer and then **AKRYLINE** coating, following the instructions in the relative technical data sheets.

Additional information:
- The substrates must in every case be sound, dry and clean.
- Remove all possible traces of dust, dirt or other impurities before the application.
- The nature of the support can change the final appearance of product.

INSTRUCTIONS FOR USE

Tools used for application
- Trowel (either smooth or notched)
- Bubble buster roller

The product can also be applied by pouring

INSTRUCTIONS FOR USE

Apply a coat of **AKRYFUND** primer and then **AKRYLINE** coating, following the instructions in the relative technical data sheets.

Add the entire contents of **Part B** (catalyst) to the **PLAINTOP Part A** can while stirring at low speed with a mechanical mixer until the two components are completely blended together.

- Apply the product with a smooth or notched trowel to ensure even thickness. The thickness per coat can rangefrom 1 to 3 mm.
- It is recommended to pass a bubble buster roller over the material immediately after having applied it in order to uniform the surface well and prevent the formation of air bubbles.
- Catalysis should be carried out by weight and not by volume. If it is not necessary to use the entire package, use an electronic scale to weigh the exact amount of product to be used. **Catalysis ratio: PLAINTOP Part A 100 + PLAINTOP Part B 50**
- **PLAINTOP** can be tinted in one solid color or in several colors that can be applied together with a trowel using the "wet on wet" technique to achieve unique decorative effects.
- Glitter or pearlescent pigments can be added to the product in order to attain special reflecting shimmering finishes.
- You can also englobe other decorative elements in the coating. If these elements are of an organic nature, they must be treated beforehand and they must be completely free of water and any organic substances.
- To increase the wear resistance of the finish, we recommend applying a topcoat of **KLEARTOP** after 24 hours from application (consult the technical data sheet).

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (m^2/ℓ per mm of coating thickness)		-	0.9 to 1.1
	Catalysis ratio			Plaintop Part A: 100 Plaintop Part B: 50
	Pot life		minutes	20 to 30
	Thinning (%)	-	-	Ready for use
	Drying time (at 25°C)	-	hours	12 to 24
	Recoat time	-	hours	24
	Density (kg/ℓ, ±0.05)	ISO 2811-1	at 20°C	1.080
	Viscosity Brookfield (mPa·s)	ISO 2555	at 20°C	700 to 900
	Compressive strength (MPa)	EN 13892-2	-	> 75
	Flexural strength (MPa)	EN 13892-2	-	> 90
	Adhesive force (MPa)	EN 13892-8	-	> 4
	Shore hardness D	EN ISO 868		80
	Wear resistance (µm)	EN 13892-4	-	< 50
	Abrasive resistance (mg) Mole H22, 1000g, 1000 revolution)	EN ISO 5470-1	-	< 100
	Impact resistance (N·m)	EN ISO 6272	-	4
	Dry slip resistance	EN 13036-4	-	> 70
	Chemical resistance	EN 13529	Sodium hydroxide 20% class I and II Sulfuric acid 20% class I and II	
	Gloss (60°)	-	-	90 to 100

The information reported herein is the result of our best experience and technical knowledge to date and is given in good faith and for guidance only. ADICOLOR cannot be held responsible for the actual use of the product since the application is influenced by many factors and is carried out beyond our control. The data and information herein may be subject to changes, even without notice, as a result of any technical development. This technical data sheet cancels and replaces any existing previous version.

TOOL CLEANING

- Clean working tools immediately after use with soap and water.

WARNINGS AND ADDITIONAL INFORMATION

- Do not apply with air and surface temperatures below 5°C and above 28°C.
- The drying times indicated may vary in relation to the relative humidity and the existing temperature.
- Carefully verify spread rates and the surface area to be coated to avoid running short of product during the working process.
- The spread rates and yields of the product are given as guidance only and may vary notably according to the substrate condition and the application method used.
- Stir the product thoroughly before use.
- It is recommended to always carry out a sample test on the specific surface before starting the final work.

HANDLING AND STORAGE

- Consult the relative **Safety Data Sheet** for the detailed user's health and safety information.
- Use the product in accordance with your current health and safety legislation regulations in force.
- Do not disperse the packaging in the environment
- Store the undiluted product, in original well sealed containers, in a cool and dry area, sheltered from frost and sources of heat.
- Protect the product at all times from freezing.

COLORS

- Transparent High Gloss
- If the product needs to be tinted, the different colors can be created by the decorator before applying, using the colorants ISTANT COLOUR.

- **We recommend adding the colorants to part A before adding the catalyst.**

- If the product requires coloring, be sure to use product bases and colorants belonging to the same batch number for the same job to avoid slight variations in color from showing.
- When using multiple cans for the same job, we recommend to mix the relative products together before use. We also recommend to use products from the same batch numbers for the same application area.
- Colors can vary notably in relation to the application, the substrate, light reflectance and the environment.
- It is recommended to test and validate colors before carrying out the final job in order to avoid any disputes.

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Prove, certificazione e ricerca

ACCREDIA L'ENTE ITALIANO DI ACCREDITAMENTO
LAB N° 0027
Membro degli MRA EA, IAF e ILAC

RAPPORTO DI PROVA

246818 / 1

Ricevimento campione: 15/02/18
Esecuzione prova: 15/03/18
Emissione rapporto: 16/03/18
Denominaz.campione: Akryline.

ADICOLOR S.R.L.
STRADA PROVINCIALE 159, 2
20060 TRIGINTO DI MEDIGLIA (MI)
ITALIA

Quadrettatura UNI EN ISO 2409:2013

Preparazione del provino ed essiccazione: effettuate dal richiedente.

Strumento manuale con lama singola e nastro adesivo in accordo con IEC 60454-2.

Risultati della prova:

Spazio fra le incisioni	Classificazione zona 1	Classificazione zona 2	Classificazione zona 3	Spessore vernice
1 mm	0	0	0	da 0 a 60 μm supporti duri
2 mm	0	0	0	da 0 a 60 μm supporti teneri
2 mm	0	0	0	da 61 a 120 μm supporti duri e teneri
3 mm	0	0	0	da 121 a 250 μm supporti duri e teneri

Classificazione:

0	nessuna porzione di film di vernice asportata
1	asportazione della vernice inferiore al 5%
2	asportazione della vernice compresa fra 5 e 15%
3	asportazione della vernice compresa fra 15 e 35%
4	asportazione della vernice compresa fra 35 e 65%
5	asportazione della vernice maggiore di 65%

Note:

- Non è stata effettuata l'identificazione analitica del materiale sottoposto a prova.
- Non essendo stato misurato lo spessore, la prova é stata eseguita con tutte le spaziature.
- Periodo di condizionamento: dal 15/02/2018 al 15/03/2018.

PARERE NON OGGETTO DI ACCREDITAMENTO :
- sulla base dell'esperienza del Catas, il risultato ottenuto con la spaziatura di 1 mm é indice maggiormente significativo dell'insorgenza di eventuali difetti in uso.

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RAPPORTO DI PROVA

245487 / 3

Ricevimento campione: 27/12/17
Esecuzione prova: 26/01/18
Emissione rapporto: 01/02/18

Denominaz.campione: AKRYLINE GR3 (grana fine).

ADICOLOR S.R.L.
STRADA PROVINCIALE 159, 2
20060 TRIGINTO DI MEDIGLIA (MI)
ITALIA

Resistenza agli sbalzi di temperatura UNI 9429:2015

Metodo utilizzato: Met. B
Apparecchiatura utilizzata: Camera Climatica WEISS WK3
Numero provette esposte a prova: 1

Risultati della prova:

	Valutazioni		
	0 cicli	6 cicli (opzionale)	15 cicli
Rotture	0	0	0
Calo	non determinato	non determinato	non determinato
Sbiancamento	non determinato	non determinato	non determinato

Classificazione dei risultati:

Indice	Rotture	Calo	Sbiancamento
0	Nessun cambiamento	Nessun calo	Nessuno sbiancamento
1	Rotture visibili solo con lente 4 x	Leggero calo	Leggero sbiancamento
2	Rotture chiaramente visibili	Calo marcato	Marcato sbiancamento

Note:
- periodo di condizionamento: dal 27/12/2017 al 26/01/2018.

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RAPPORTO DI PROVA

246818 / 3

Ricevimento campione: 15/02/18
Esecuzione prova: 12/03/18
Emissione rapporto: 12/03/18
Denominaz.campione: Akryline.

ADICOLOR S.R.L.
STRADA PROVINCIALE 159, 2
20060 TRIGINTO DI MEDIGLIA (MI)
ITALIA

Resistenza delle superfici all'abrasione UNI EN 15185:2011

Abrasimetro utilizzato: Taber mod. 503

Carte abrasive Taber S-42 lotto n. 73693

Durezza media ruote: 60-70 Shore A

Risultati della prova:

Punto iniziale (n° giri)	Classe raggiunta secondo CEN/TS 16209
150	**B**

Note:

- Non è stata effettuata l'identificazione analitica del materiale sottoposto a prova.
- Periodo di condizionamento: dal 15/02/2018 al 12/03/2018.

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RAPPORTO DI PROVA

246818 / 4

Ricevimento campione: 15/02/18
Esecuzione prova: 12/03/18
Emissione rapporto: 15/03/18
Denominaz.campione: Akryline.

ADICOLOR S.R.L.
STRADA PROVINCIALE 159, 2
20060 TRIGINTO DI MEDIGLIA (MI)
ITALIA

Tendenza a ritenere lo sporco UNI 9300:2015

Tipo di superficie: liscia

Prodotto sporcante utilizzato: nero di carbone

Risultati della prova:

Valutazione	Osservazioni
5	Nessun cambiamento visibile.
5	Nessun cambiamento visibile.

Note:

- Periodo di condizionamento: dal 15/02/2018 al 12/03/2018.

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RAPPORTO DI PROVA

246818 / 2

Ricevimento campione: 15/02/18
Esecuzione prova: 08/03/18
Emissione rapporto: 12/03/18
Denominaz.campione: Akryline.

ADICOLOR S.R.L.
STRADA PROVINCIALE 159, 2
20060 TRIGINTO DI MEDIGLIA (MI)
ITALIA

Resistenza delle superfici al graffio UNI EN 15186:2012, met. B

Apparecchio utilizzato: Taber mod. 502

Risultati della prova:

Carico N	Classe raggiunta secondo CEN/TS 16209
1,4	C

Note:

- Non è stata effettuata l'identificazione analitica del materiale sottoposto a prova.

- Periodo di condizionamento: dal 15/02/2018 al 08/03/2018.

Il documento in formato PDF è stato sottoscritto con firma digitale e marca temporale nel rispetto del codice dell' amministrazione digitale (D.Lgs n° 82 e D.Lgs. n° 159), della deliberazione CNIPA 4/2005 del febbraio 2005 e dell' intesa Adobe-Cnipa del febbraio 2006.

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RAPPORTO DI PROVA

245487 / 5

Ricevimento campione: 27/12/17
Esecuzione prova: 29/01/18
Emissione rapporto: 01/02/18

Denominaz.campione: AKRYLINE GR3 (grana fine).

ADICOLOR S.R.L.
STRADA PROVINCIALE 159, 2
20060 TRIGINTO DI MEDIGLIA (MI)
ITALIA

Pavimenti e rivestimenti in legno di pareti. Determinazione della resistenza agli agenti chimici EN 13442:2013

Prodotti	Tempo di contatto					
	16 ore	6 ore	1 ora	10 min	2 min	10 sec
Acqua distillata	5	/	-	-	-	-
Acido acetico (soluz. acquosa 5%)	-	-	5	-	/	-
Soluzione detergente	5	-	/	-	-	-
Acetone	-	-	-	-	-	4
Etanolo (soluz. acquosa 50%)	-	-	3	-	4	-
Olio di paraffina	-	-	5	-	-	-
Caffé	-	-	5	-	/	-
Ammoniaca (soluz. acquosa 10%)	-	-	5	/	/	-

Valutazione dei risultati:

/ non necessaria

- non prevista dalla norma UNI 11622-1

5 = nessun cambiamento

4 = lieve cambiamento visibile solo con luce riflessa

3 = leggero segno visibile da diverse direzioni

2 =segno marcato o lieve degrado superficiale

1 = segno pronunciato o forte degrado superficiale

Note:

- Non è stata effettuata l'identificazione analitica del materiale sottoposto a prova.
- Le sostanze ed i tempi di applicazione, sono quelli previsti dalla norma UNI 11622-1:2016.
- La valutazione è stata eseguita con la sorgente luminosa diffusa.

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RAPPORTO DI PROVA

245487 / 1

Ricevimento campione: 27/12/17
Esecuzione prova: 29/01/18
Emissione rapporto: 01/02/18

Denominaz.campione: AKRYLINE GR3 (grana fine).

ADICOLOR S.R.L.
STRADA PROVINCIALE 159, 2
20060 TRIGINTO DI MEDIGLIA (MI)
ITALIA

Resistenza alla luce UNI EN 15187:2007

Apparecchiatura utilizzata :	Atlas C.i. 3000
Lampada utilizzata:	allo Xeno
Irraggiamento misurato a 420 nm:	1,25 W/mq
Filtro interno:	borosilicato
Filtro esterno:	soda-lime
Valore medio temperatura pannello nero :	55 ± 2 °C
Determinazione del dosaggio della luce:	controllo automatico
Umidità relativa:	50 ±10 %
Valutaz. matassina di lana blu:	strumentale
N° osservatori	2

Risultati della prova:

Tempo di esposizione (ore)	Valutazione scala grigi	Osservazioni
20	**5**	///

Resistenza alla luce:

Valutazione Scala grigi	Resistenza alla luce Matassina di lana blu N.
> 4	> 6

Annotazioni:

- Non è stata effettuata l'identificazione analitica del materiale sottoposto a prova.
- Periodo di condizionamento: dal 27/12/2017 al 29/01/2018.

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Prove, certificazione e ricerca

RAPPORTO DI PROVA

246185 / 1

Ricevimento campione: 02/02/18
Esecuzione prova: 19/02/18
Emissione rapporto: 02/03/18

Denominaz.campione: AKRYLINE GR3

ADICOLOR S.R.L.
STRADA PROVINCIALE 159, 2
20060 TRIGINTO DI MEDIGLIA (MI)
ITALIA

Contatto con alimenti. Migrazione globale UNI EN 1186:2003

Modalità della prova		UNI EN 1186-5
Superficie del provino	dm²	1,00
Liquido simulante		acqua distillata
Condizioni della prova		2 ore a 40°C

Risultati della prova

N °		Migrazione globale
1	mg/dm²	0,3
2	mg/dm²	0,2
3	mg/dm²	0,2
media	mg/dm²	**0,2**

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RAPPORTO DI PROVA

246185 / 2

Ricevimento campione: 02/02/18
Esecuzione prova: 21/02/18
Emissione rapporto: 02/03/18
Denominaz.campione: AKRYLINE GR3

ADICOLOR S.R.L.
STRADA PROVINCIALE 159, 2
20060 TRIGINTO DI MEDIGLIA (MI)
ITALIA

Contatto con alimenti. Migrazione globale UNI EN 1186:2003

Modalità della prova		UNI EN 1186-5
Superficie del provino	dm²	1,00
Liquido simulante		sol. acido acetico 3% (m/V)
Condizioni della prova		2 ore a 40°C

Risultati della prova

N °		Migrazione globale
1	mg/dm²	0,6
2	mg/dm²	0,7
3	mg/dm²	0,5
media	mg/dm²	**0,6**

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RAPPORTO DI PROVA

246185 / 3

Ricevimento campione: 02/02/18
Esecuzione prova: 23/02/18
Emissione rapporto: 02/03/18
Denominaz.campione: AKRYLINE GR3

ADICOLOR S.R.L.
STRADA PROVINCIALE 159, 2
20060 TRIGINTO DI MEDIGLIA (MI)
ITALIA

Contatto con alimenti. Migrazione globale UNI EN 1186:2003

Modalità della prova		UNI EN 1186-5
Superficie del provino	dm²	1,00
Liquido simulante		sol. etanolo 10 % (V/V)
Condizioni della prova		2 ore a 40°C

Risultati della prova

N °		Migrazione globale
1	mg/dm²	2,4
2	mg/dm²	3,0
3	mg/dm²	2,6
media	mg/dm²	**2,7**

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RAPPORTO DI PROVA

246185 / 4

Ricevimento campione: 02/02/18
Esecuzione prova: 26/02/18
Emissione rapporto: 02/03/18

Denominaz.campione: AKRYLINE GR3

ADICOLOR S.R.L.
STRADA PROVINCIALE 159, 2
20060 TRIGINTO DI MEDIGLIA (MI)
ITALIA

Contatto con alimenti. Migrazione globale UNI EN 1186:2003

Modalità della prova	UNI EN 1186
Superficie del provino	dm2 1,00
Condizioni della prova	isoottano: 2 ore a 40°C etanolo 95%: 2 ore a 40°C

Risultati della prova

N °		Migrazione globale	
		Isoottano	Etanolo al 95%
1	mg/dm2	0,4	29,5
2	mg/dm2	0,6	27,6
3	mg/dm2	0,5	34,5
Media	**mg/dm2**	**0,5**	**30,5**

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Il Direttore
Dott. Andrea Gravon

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